

Setting up the LTE- (WWAN-) module (Cellular driver) English translation

Agile X IS

Type 17-A1B4-..../.....

ATEX / IECEx Zone 1 UL Class I Division 1, UL Class I Zone 0 und 1

Revision 0 / Status: 27 March 2018

Proviso: Technical changes reserved. Changes, mistakes and printing errors do not substantiate any claim to damages.

BARTEC GmbH Max-Eyth-Straße 16 97980 Bad Mergentheim, GERMANY

Phone: +49 (0) 7931 597-0 Fax: +49 (0) 7931 597-119 Support: Download: Internet:

service-mobilecomputing@bartec.de http://automation.bartec.de www.bartec.de

Table of content

Table	of con	tent		2						
1.	Note			3						
2.	Requirements									
3.	Enable	Enable/disable the LTE-module								
	3.1	Setup		4						
		3.1.1	LTE-module – Enabling in HotTab tool	. 4						
		3.1.2	LTE-module – Enabling in operating system environment	4						
4.	Updat	e driver		. 6						
		4.1.1	Check driver version	. 6						
		4.1.2	Uninstall driver in place	. 7						
		4.1.3	New driver Installation	8						
5.	Settin	gs and s	etup of the LTE module	10						
		5.1.1	Note/Information	10						
		5.1.2	Setup 1	11						
		5.1.3	Change PIN 1	14						
		5.1.4	Remove PIN (deactivation)	15						
		5.1.5	Use PIN (activation)	16						
6.	Troub	leshooti	ng ¹	17						
		6.1.1	SIM card is not recognized 1	17						
		6.1.2	Problem with PIN entry1	17						

1. Note

To set up the built-in LTE module (Gemalto PLX-8), the driver from the driver package "WWAN_ALSx_PLSx_driver_package_v1.00.37.01.zip" or latest is required.

The driver allows you to set up the SIM card. Depending on the provider, the PIN of the SIM card and the provider's APN will be required.

- The PIN of the SIM card can be found in the letter of your provider.
- The APN can also be found in the documentation of your provider or on its website.

E.g. for Vodafone:

https://www.vodafone.de/hilfe/mobiles-telefonieren/mobilfunk-services-einrichten.html



2. Requirements

To set up proper function you need the following:

- Agile X IS with built-in LTE module
- SIM card

(Instructions for installation can be found in BARTEC's user manual for Agile X IS, document no. 11 -A1B0-7D0001)

- Driver "WWAN_ALSx_PLSx_driver_package_v1.00.37.01" or latest Download page: <u>http://automation.bartec.de/tabletpc.htm</u>
 - \rightarrow Agile X IS industrial tablet PC for use in Zone 1 / Div. 1
 - \rightarrow Tools

3. Enable/disable the LTE-module

3.1 Setup

3.1.1 LTE-module – Enabling in HotTab tool

The HotTab Tool is used to switch on or off the tablet PC's peripheral modules. All other settings are done via operating system and the associated driver for the module.					
The HotTab Tool can be started on the desktop or via the tablet's "Home" button					
Select "Device ON/OFF" in HotTab-tool-menu.	Conce ON/OFF				
In the "Device ON/OFF" menu, peripheral modules can be switched on and off.					
Symbol white = module is switched off	WWAN 3G/4G				
Symbol orange = module is switched on	WWAN 35/45				

3.1.2 LTE-module – Enabling in operating system environment

The LTE module is recognized by the operating system as soon as it is switched on in the HotTab Tool.

In the taskbar, quick access is possible by clicking the wireless connection icon. *(* In the menu, the LTE module (Cellular) can be activated and deactivated.

- grey Cellular symbol = module switched off
- blue Cellular symbol = module is switched on



When the Agile X IS is rebooted, it takes about 30 seconds until the operating system recognizes the LTE module as a Cellular device. Requirement is the presence of the correct module driver (see below). The Cellular device will be deactivated by a new boot process and must be switched on manually.



Ĩ



After switching on the LTE module 2 separate network adapters are shown in Device Manager. (This can be used to check that the LTE module is recognized and powered on properly.)

着 Device Manager	
File Action View Help	
⇐ ⇒ ☶ 📴 🗾 💷 🖳 🗙 💿	
V 🛃 DESKTOP-UBN1N7G	
> 4 Audio inputs and outputs	
> 🧽 Batteries	
> 🖇 Bluetooth	
> 💻 Computer	
> 🔜 Disk drives	
> 🏣 Display adapters	
> 📓 Firmware	
> 🗛 Human Interface Devices	
> 🦏 IDE ATA/ATAPI controllers	
> 👔 Imaging devices	
> 🔤 Keyboards	
> II Mice and other pointing devices	
> 🛄 Monitors	
🗸 🚍 Network adapters	
🚍 ASIX AX88178A USB 2.0 to Gigabit Ethernet Adapter	
🚍 Bluetooth Device (Personal Area Network) #4	
🚅 Bluetooth Device (RFCOMM Protocol TDI) #4	
💭 Broadcom 802.11ac Wireless PCIE Full Dongle Adapter	
🚍 Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter	
🚍 Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (2nd context)	J
	-

4. Update driver

4.1.1 Check driver version

 Check the correct driver version in the Device Manager Version v4.0.3.701 or later

=> no further action is needed if driver version is correct.

(i)

If the driver does not comply with version v4.0.3.701 (or later), it is not possible to use the built-in LTE module as a Cellular module because the installed driver does not support Cellular functions and does not allow connection to a mobile network.

Right-click on a Gemalto adapter \rightarrow Select settings in the menu displayed \rightarrow Select the driver tab \rightarrow Check driver version

File Action View Help	
⊨ → 📰 🗊 😰 🖬 🖳 💺 🗙	۲
DESKTOP-QCV3K23	
> 🗐 Audio inputs and outputs	
> 🗃 Batteries	
> 📮 Computer	
> 👝 Disk drives	
> 🏣 Display adapters	
> Firmware	
> Human Interface Devices	
> 📷 IDE ATA/ATAPI controllers	
> 🔤 Keyboards	
> I Mice and other pointing devices	
> 🥅 Monitors	
🗸 🚍 Network adapters	
 Interview of the second second	abit Ethernet Adapter
 Detwork adapters ASIX AX88178A USB 2.0 to Gigs Broadcom 802.11ac Wireless P 	abit Ethernet Adapter CIE Full Dongle Adapter
 Image: Provide the second state of the second state o	abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter
 Image: Provide the second state of the second state o	abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context)
 Network adapters ASIX AX88178A USB 2.0 to Gigs Broadcom 802.11ac Wireless P Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE U 	abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context)
 Image: Second state of the second	abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context)
V PROVING A STANDARD AND A STANDARD AND A STANDARD	abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context) ar Gemailto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (2nd context) Comparison of the temperature of temperature of the temperature of
V Province of the second	Abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context) ar Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (2nd context) Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (General Driver Details Events
V PROVING A STANDARD AND A STAN	Abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context) ar Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (General Driver Details Events Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (
V Province of the second	Abit Ethernet Adapter CIE Full Dongle Adapter USB MB Wireless Ethernet Adapter USB MB Wireless Ethernet Adapter (2nd context)
Provide:: Gemato M2M GmbH Driver Provide:: Gemato M2M GmbH	Abit Ethernet Adapter CIE Full Dongle Adapter USB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context) ar Gemailto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (2nd context) Gemailto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (General Driver Details Events Gemailto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (Gemailto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter (2nd context) Driver Provider: Gemaito M2M GmbH
Vetwork adapters ASIX AX88178A USB 2.0 to Giga Broadcom 802.11ac Wireless P Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Driver Details Events Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter Driver Details Events Driver Provider: Gemato M2M GmbH Driver Date: 08.09.2015 Driver Version: 4.0.3.701	Abit Ethernet Adapter CIE Full Dongle Adapter JSB MB Wireless Ethernet Adapter JSB MB Wireless Ethernet Adapter (2nd context)
Vetwork adapters ASIX AX88178A USB 2.0 to Giga ASIX AX88178A USB 2.0 to Giga Broadcom 802.11ac Wireless P Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter Driver Provider: Gemato M2M GmbH Driver Version: 4.0.3.701 Dgtal Signer: Gemato M2M GmbH	Abit Ethernet Adapter CIE Full Dongle Adapter USB MB Wireless Ethernet Adapter USB MB Wireless Ethernet Adapter (2nd context)
Vetwork adapters ASIX AX88178A USB 2.0 to Giga Broadcom 802.11ac Wireless P Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet General Driver Detais Events Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter Driver Provider: Gemato M2M GmbH Driver Data: 00.92015 Driver Version: 4.0.3.701 Digtal Signer: Gemato M2M GmbH Driver Detais To view detais about the driver files.	Abit Ethernet Adapter CIE Full Dongle Adapter USB MB Wireless Ethernet Adapter USB MB Wireless Ethernet Adapter (2nd context)
V Provide: Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P. Driver Details Events Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P. Semato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P. Semato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P. Driver Details Events Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P. Semato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P. Driver Details Events Driver Provider: Gemato M2M GmbH Driver Details To view details about the driver files. Update Driver To update the driver software for this device.	Abit Ethernet Adapter CIE Full Dongle Adapter USB MB Wireless Ethernet Adapter USB MB Wireless Ethernet Adapter (2nd context)
Vetwork adapters ASIX AX88178A USB 2.0 to Giga ASIX AX88178A USB 2.0 to Giga Broadcom 802.11ac Wireless P Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter P Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter Driver Details Events Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter Driver Provider: Gemato M2M GmbH Driver Details To view details about the driver files. Update Driver. To update the driver software for this device. Fithe device fails after updating the driver, roll back to the previously installed driver.	Abit Ethernet Adapter CIE Full Dongle Adapter USB MB Wireless Ethernet Adapter USB MB Wireless Ethernet Adapter (2nd context)
Vetwork adapters ASIX AX88178A USB 2.0 to Giga ASIX AX88178A USB 2.0 to Giga Broadcom 802.11ac Wireless P Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE U Gemalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter emalto M2M ALSx PLSx LTE USB MB Wireless Ethernet Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Driver Details Events Gemato M2M ALSx PLSx LTE USB MB Wireless Ethernet Adapter Driver Provider: Gemato M2M GmbH Driver Version: 4.0.3.701 Digtal Signer: Gemato M2M GmbH Driver Details To view details about the driver files. Update Driver To update the driver software for this device. File Back Driver. To update the driver software for this device. File Back Driver. Disables the selected device.	Abit Ethernet Adapter CIE Full Dongle Adapter USB MB Wireless Ethernet Adapter USB MB Wireless Ethernet Adapter (2nd context)

4.1.2 Uninstall driver in place

Uninstall I	both Gemalto net Gemalto M2M Al Gemalto M2M A	Work adapters : _Sx PLSx LTE USB CDC-ECM LLSx PLSx LTE USB CDC-EC	Wireless Ethernet Adapter (2nd context) #2 M Wireless Ethernet Adapter #2		
Right-clicl	k on the first Gem etwork adapters ASIX AX88178A USB 2.0 t Bluetooth Device (Person Bluetooth Device (RFCO)	nalto adapter \rightarrow select o Gigabit Ethernet Adapter nal Area Network) #4 MM Protocol TDI) #4 Mcr PCIE Still Donale Adapter	"Uninstall"		
> 🐺 Po > 🛱 Pri > 🛄 SD > 🖼 Sc > 🖬 So	Gemalto M2M ALSX I Gemalto M2M ALSX I Irts (COM & LPT) Int queues ocessors I host adapters nsors ftware devices	Update Driver Software Disable Uninstall Scan for hardware changes Properties	tapter (2nd context) #2 Sapter #2		
Check "De \rightarrow Confirm \rightarrow the first	elete the driver so mation with "Ok" st Gemalto adapte	oftware for this device" er is uninstalled	in the window which is popping up.		
 ⇒ Zei Magingu ⇒ Keyboard ⇒ Mice and ⇒ Mice and ⇒ Monitors ⇒ Pitter ⇒ Bluet <	devices Is I other pointing devices adapters AX083726A USB 2.0 to Gigabit Ethernet AX083726A USB 2.0 to Gigabit Ethernet Ooth Device (PErCOMM Protocol TOD) ooth Device (PECOMM Protocol TOD) into M2M ALSK PLSK LTE USB CDC-ECI Into M2M ALSK PLSK LTE USB CDC-ECI Into M2M ALSK PLSK LTE USB CDC-ECI M& LPT) ues	Adapter #4 #4 #4 Wareless Ethernet Adapter #2 #2 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4	Uninstall × to M2M ALSx PLSx LTE USB CDC-ECM as Bherner Adapter (2nd cortext) #2 about to uninstall this device from your system. wer software for this device OK Cancel		
Repeat the process for the second network adapter.					
The uning Devices"	stallation is now on as "CDC Etherne	complete. Both adapte t (RmNet)".	ers uninstalled appear in section "Oth		
~ P	Network adapters ASIX AX881784 Bluetooth Devi Bluetooth Devi Broadcom 802 Other devices CDC Ethernet (CDC Ethernet)	A USB 2.0 to Gigabit Ether ice (Personal Area Netwo ice (RFCOMM Protocol T .11ac Wireless PCIE Full D (RmNet)	net Adapter rk) #4 DI) #4 Pongle Adapter		

Agile X IS LTE- (WWAN-) module setup (Cellular driver) type 17-A1B4-..../.....

i

If the adapters cannot be found under "Other devices", scan the system for hardware changes. To do this, open pull-down menu "Actions" and select "Search for hardware changes".



4.1.3 New driver Installation

To install the new drivers, the fo • "WWAN_ALSx_PLSx_	llowing driver package is required. driver_package_v1.00.37.01.zip" or later
\rightarrow Right-click on the first CDC E	Ethernet device \rightarrow choose "Update Driver Software"
 Network adapters ASIX AX88178A USB 2 Bluetooth Device (Pe Bluetooth Device (RF Broadcom 802.11ac V Other devices CDC Ethernet (Rn CDC Ethernet (Rn CDC Ethernet (Rn Ports (COM & LPT) Print queues Processors SD host adapters Sensors Software devices 	2.0 to Gigabit Ethernet Adapter rrsonal Area Network) #4 COMM Protocol TDI) #4 Wireless PCIE Full Dongle Adapter Update Driver Software Disable Uninstall Scan for hardware changes Properties
→ Choose "Browse my Comput	ter for driver software"
 Update Driver Software - CDC Ethernet (RmNet) How do you want to search for driver software Search automatically for updated driver Windows will search your computer and the Interne for your device, unless you've disabled this feature is settings. Browse my computer for driver software Locate and install driver software manually. 	x are? r software t for the latest driver software n your device installation
	Cancel
\rightarrow Select the path of the driver a	and start with "Next"

Update Driver Ser Browse for drive Search for driver set CuUservlAdministe CuUser	Update Driver Software - CDC (themet (furNiet) Browse for driver software on your computer Search for driver software in this location mod Unitivestally UNIXALE USE (Constant and Constant and				
\rightarrow The installation is started.					
ightarrow If the driver for the first module will be inst	alled, end the process with "Close".				
Update Driver Software - CDC (themet (finitiet))					
\rightarrow Repeat the procedure described above fo	r the second CDC Ethernet device.				
ightarrow Right-click on the second CDC Ethernet of	levice.				
\rightarrow Choose "Update Driver Software".					
→ After complete installation, 2 Gemalto LTE Ethernet Adapters are shown under "Network Adapters".					
 Network adapters ASIX AX88178A USB 2.0 to Gigabit Ethernet A Bluetooth Device (Personal Area Network) #4 Bluetooth Device (RFCOMM Protocol TDI) #4 Broadcom 802.11ac Wireless PCIE Full Dongle Gemalto M2M ALSx PLSx LTE USB MB Wireles Gemalto M2M ALSx PLSx LTE USB MB Wireles 	dapter 4 e Adapter 55 Ethernet Adapter 55 Ethernet Adapter (2nd context)				

5. Settings and setup of the LTE module

The setup and settings for the LTE module are done at operating system level.

(The settings described here are done in Windows 10 IoT Enterprise CBB (Current Branch for Business) OS version 1607).

For further information about the wireless settings in Windows 10, see Microsoft.

e.g.

https://support.microsoft.com/de-de/help/10739/windows-10-cellular-settings

5.1.1 Note/Information

f

1

Insert SIM card according to the instructions in Agile X IS manual, document no. 11-A1B0-7D0001. \rightarrow Perform a restart that the SIM card is recognized correctly. We recommend reboot of the device after inserting of the SIM card, this ensures that the system recognizes the detection and setup correctly. When setting up note the following hints. Depending on the provider and/or mobile network, the device may vary slightly. The following information is important: SIM card PIN Take it from the letter of your provider. SIM card PUK Take it from the letter of your provider in case that unlocking is necessary after several incorrect entries of the PIN. APN (Access Point Name) This information can be found in the documentation or on the website of your provider. The LTE-Modul must be switched on in HotTab tool. • The taskbar provides quick access to the wireless connections via the wireless • icon. The LTE module (Cellular) must be activated. Note: 2 cellular adapters are displayed, including the current status bars. • 2 cellular adapters are displayed. Cellular Note: Vodafone (HSPA) лI The built-in LTE module is also suitable for SIM cards that can process two different APNs. The system selects the active Vodafone Turned off module independently.

Important symbols of the Cellular Status Indicator:					
Symbol	Meaning of the status indicator				
III Cellular Insert SIM	No SIM card inserted, or SIM card not recognized.				
II Cellular Turned off	LTE-module "Cellular" 🛄 is switched off.				
Cellular The SIM card is recognized and locked. → PIN entry required.					
Cellular 2 Locked Unlocking Cellular 2 Locked Unlocking					
Cellular Disconnected	Cellular The connection to the mobile network is interrupted/ Disconnected disconnected.				
.11 Vodafone (HSPA) Connected	 disconnected. The LTE-module is connected to a mobile network. e.g. to Vodafone network The bars indicate the signal strength The blue background indicates an existing network connection. 				

5.1.2 Setup

After inserting the SIM card restarting and switching on the LTE module (Cellular), the mobile network and the provider data are automatically loaded.

If no automatic detection is done, the APN and other custom settings can be entered manually.



Agile X IS LTE- (WWAN-) module setup (Cellular driver) type 17-A1B4-..../.....

Settings							
lntern@	et APN						
Profile name							
APN							
web.vodafone.c	e	×					
User name							
Password							
Password							
Type of sign-in in	fo	~					
10 horis							
Default		~					
Apply this pr	file						
илэргу илэрг							
Save							
• Confirm v	vith "Save" to	save the s	ettings.				
Confirm v	vith "Save" to	save the s	ettings.				
Confirm v Settings	vith "Save" to	save the s	ettings.				
Confirm v Settings Internet A Profile name	vith "Save" to	save the s	ettings.				
Confirm v Settings Internet A rofile name	vith "Save" to	save the s	ettings.				
Confirm v Settings Internet A Profile name APN web.vodafone.de	vith "Save" to	save the s	ettings.				
Confirm v Settings Settings Internet A rofile name VPN Web.vodafone.de See name	vith "Save" to	save the s	ettings.				
Confirm v Settings Settings Internet A Vrofile name Vrofile name Vrofile name User name	vith "Save" to PN	save the s	ettings.				
Confirm v Settings Settings Internet A Yrofile name Verbivodafone.de Ser name	vith "Save" to PN we se	save the s	ettings.			OK	
Confirm v Settings Internet A Yrofile name Volume	vith "Save" to NPN We st	save the s	ettings. settings.	ntered AF	'N is cre	_∝_ ated.	
Confirm v Settings Internet A Profile name VPN Websvodafone.de Ser name In menu " Settings	vith "Save" to NPN We se Cellular" a ne	save the s	ettings. settings. ith the er	ntered AF	'N is cre	_∝_ ated.	
Confirm v Settings Internet A roffle name web vodafone.de Jser name In menu " Settings Settings Vodafo	vith "Save" to NPN We a Cellular" a ne one (HSPA)	save the s	ettings. settings.	ntered AF	'N is cre	_∝_ ated.	
Confirm v Settings Internet A rofile name web vodafone.de Jser name In menu " Settings Settings Vodafo	vith "Save" to NPN Cellular" a ne one (HSPA) rator settings	save the s	ettings. settings. ith the er	ntered AF	'N is cre	o≪ ated.	
Confirm v Settings Internet A rofile name volume rofile name In menu " Settings Settings Settings Settings Vodafo Mobile oper Internet API	vith "Save" to NPN We se Cellular" a ne one (HSPA) rator settings N	save the s	ettings. settings.	ntered AF	'N is cre	ated.	
Confirm v Settings Settings Notifie name No	vith "Save" to NPN VW x Cellular" a ne one (HSPA) rator settings N semet APN	save the s	ettings. settings.	ntered AF	'N is cre	ated.	
Confirm v Settings Internet A Profile name Internet Iset name Iset name Iset name Iset name Internet API Add an Int (co) web.vodafor	vith "Save" to NPN Cellular" a ne One (HSPA) rator settings N ernet APN ne.de	save the s	ettings. settings.	ntered AF	'N is cre	ated.	
Confirm v settings Internet A rofile name web vodafore de Jser name In menu " Settings Vodafor Mobile ope Internet API + Add an Int ((o)) web.vodafor	vith "Save" to PN Verson Cellular" a nee One (HSPA) rator settings N ernet APN ne.de Apply	save the s	ettings. settings. ith the er	ntered AF	'N is cre	ated.	
Confirm v Settings Internet A Profile name Internet A For In menu Confirm v Settings Confirm v Add an Int ((o)) web.vodafo Properties	vith "Save" to PN Ve so Cellular" a ne one (HSPA) rator settings N ernet APN ne.de Apply	save the s	ettings. settings. ith the er	ntered AF	'N is cre	ated.	

- \rightarrow To establish a connection to a mobile network, it may be necessary to enter the PIN of the SIM card. Settings Home Cellular Find a setting P Cellular Locked Network & Internet Enter your PIN to unlock the device and connect to the network Tries left: 3 🖨 Status *(*∕∂ Wi-Fi Cancel .atl Cellular Cellular 2 Ethernet Turned of P Dial-up Related settings % VPN Change adapter options 라> Airplane mode Network and Sharing Center (1) Mobile hotspot Windows Firewall ⑦ Data usage Learn more \rightarrow The connection to the mobile network is established after entering a valid PIN. The connection may take some time and depends on the signal strength of the mobile network in the area. ← Settings Home Cellular Find a setting Cellular Connecting Network & Internet Status Cancel 🧟 Wi-Fi Cellular 2 Turned off .atl Cellular Related settings 도 Ethernet Change adapter options ଳ Dial-up Network and Sharing Center VPN ~~~~ Windows Firewall Airplane mode Learn more ← Settings Home Cellular Find a setting Cellular Connected Network & Internet Advanced options Disconnect ₿ Status Cellular 2 Turned off Related settings .al Cellular Change adapter options 臣 Ethernet Network and Sharing Center Windows Firewall % VPN Learn more
- G

5.1.3 Change PIN

(i)

The settings can b	e changed in the following menu:
\rightarrow Start $\blacksquare \rightarrow$ Se	ettings $We have a magnetic set of the se$
→ Choose "Advan	ced Settings" on the active Cellular mobile network
Connected Advanced options	Discovert
\rightarrow Choose "Change	je SIM PIN"
Security	
You're using a PIN to	o help protect your SIM
Change SIM PIN	
Remove your PIN It	you don't want to protect your SIM with one
Remove SIM PIN	
Enter curr	ent PIN
• Then enter	er the new PIN, re-enter it and confirm with OK.
Remember menev	r fin well allu keep it ill a sale place.
← Settings	
© Cellular	
Mobile operator setting	,s
	Change SIM PIN
	New SIM PIN
	Confirm new SIM PIN
	OK Cancel
\rightarrow The PIN is char	nged
← Settings	
Sellular	
Mobile operator setting	s
Internet APN	
+ Add an Internet APN	
	Change SIM PIN
	The SIM PIN is changed.
	ок

1



5.1.5 Use PIN (activation)

The settings can be changed in the following menu:
\rightarrow Start \blacksquare \rightarrow Settings \textcircled{R} \rightarrow Network & Internet
\rightarrow Choose "Advanced Settings" on the active Cellular mobile network
\rightarrow Choose "Use SIM Pin" for PIN activation.
Security
Use a PIN to help protect your SIM
Use SIM PIN
→ Enter PIN
< Settings
© Cellular
((o)) web vocasione.de Applied
Properties
Manufacturer: QUALCOMM INCORPORATED Model: 0
Use SIM PIN
SIM PIN
OK Cancel
\rightarrow The PIN entry is activated again.
← Settings
© Cellular
((o)) web volume de Applied
Properties
Manufacturer: QUALCOMM INCORPORATED
Firmware: M9615A-CETWTAZM-5.0.110058 1
Use SIM PIN
The SIM PIN is accepted.
OK

6. Troubleshooting

Already known issues and possible troubleshooting's are listed below.

6.1.1 SIM card is not recognized

If the SIM card will be not detected, it may be caused by:

Reason:	Contacts of the SIM card are heavily soiled or broken.			
Solution:	Check the SIM card and replace it if the contacts are damaged.			
Reason:	SIM card not inserted.			
Solution:	Check if SIM card is inserted correctly.			
	Insert the SIM card according to the instructions in Agile X IS manual with document no. 11-A1B0-7D0001.			
Reason:	Driver not up to date.			
Solution:	Check driver and replace if necessary (see chapter 4)			

6.1.2 Problem with PIN entry

If there are problems with entering the SIM card's PIN it may be due to the following reasons:

Reason:	Wrong PIN
Solution:	Check the provider's letter to determine if the entered PIN is correct.
Reason:	Previously, Gemalto's Connection Manager might have been used When using the Connection Manager, it may happen that settings have been defined by this tool, which are causing conflicts while using the Cellular driver.
Solution:	Perform recovery or reinstall the operating system. Then install the latest drivers for the LTE module to avoid conflicts/incompatibility with older software.